

WHAT IS CLAIMED IS:

1. A Web on-demand system comprising:

receiving a client information including an IP address assigned to a client terminal and an arbitrary host name from the client terminal through the Internet; and

returning the IP address in response to an inquiry about the host name from a user terminal connected to the Internet while the client terminal is connected to the Internet.

2. A Web on-demand system according to claim 1, further comprising:

Web on-demand management server module for receiving the client information and for monitoring a state of connection of the client terminal to the Internet; and

DNS server module for newly registering the IP address and the host name with respect to the client terminal supplied from said Web on-demand management server module while relating the IP address and the host name to enable returning of the IP address in response to the inquiry about the host name from the user terminal connected to the Internet, and for deleting the registration of the client terminal when supplied with information that the connection of the client terminal to the Internet has been cut as information on the state of

connection from said Web on-demand management server module.

3. A Web on-demand system according to claim 2, wherein the host name in the client information is registered in advance in said Web on-demand management server module while being related to the client terminal.

4. A Web on-demand system according to claim 2 or 3, wherein the host name is newly registered by said DNS server module in a state of being combined with a domain name maintained by said DNS server module to form a fully qualified domain name.

5. A Web on-demand system according to any one of claims 1 to 4, wherein a directory including the host name is provided at a request from the user terminal connected to the Internet while the client terminal is connected to the Internet.

6. A Web on-demand system according to claim 5, further comprising:

Web on-demand management server module for receiving the client information and for monitoring the state of connection

of the client terminal to the Internet; and

directory server module for newly registering a URL including the host name supplied from said Web on-demand management server module to enable returning of the directory including the URL at a request from a user terminal connected to the Internet, and for deleting the registration of the client terminal when supplied with information that the connection of the client terminal to the Internet has been cut as information on the state of connection from said Web on-demand management server module.

7. A Web on-demand system according to claim 5 or 6, wherein the client information includes a title and genre information about Web which the client terminal will provide to the user terminal, and the directory is constituted by using the title and the genre information.

8. A Web on-demand system according to any one of claims 1 to 7, wherein a URL list in which a symbol for identification of the user terminal and a URL including the particular host name are entered by being related to each other is prepared in advance, and, when the client information is transmitted from the client terminal, the user terminal

related to the host name is informed that the client information has been transmitted from the client terminal.

9. A Web on-demand system according to any one of claims 1 to 8, wherein a determination is made as to whether the client terminal is connected to the Internet from an alive signal periodically transmitted from the client terminal and/or an off-line signal transmitted from the client terminal when the client terminal is made off-line.